

JAN 30 2007

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Examiner: Marcos L. Torres

GROUP ART UNIT: 2617

UNITED STATES PATENT AND TRADEMARK OFFICE

Phone: (571) 272-7926

Pages: Cover + 2 + 2 + 1 = 6

Date: January 30, 2007

From: Georgann S. Grunebach

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Assistant General Counsel

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A handwritten signature in black ink, appearing to read 'Georgann S. Grunebach', written over a horizontal line.

Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Depositor)

January 30, 2007
(Date of Signature)

Re: Serial No. 09/858,387

Attorney Docket No. PD-201006A

Filing Date: May 15, 2001

Please find attached:

- SUPPLEMENTAL DISCLOSURE STATEMENT WITH PAYMENT OF FEE (2 pages in duplicate)
- SUBSTITUTE PTO FORM 1449 (1 page)

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

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Date: January 30, 2007


Georgann S. Grunebach, Reg. No. 33,179Patent
PD-201006A
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Donald C.D. Chang, :	Date: January 30, 2007
Serial No.: 09/858,387 :	Group Art Unit: 2617
Filed: May 15, 2001 :	Examiner: Marcos L. Torres
For: COMMUNICATION SYSTEM FOR :	
MOBILE USERS USING :	
ADAPTIVE ANTENNAS :	

SUPPLEMENTAL DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 (c)(2)
WITH FEE SET FORTH IN §1.17(p)

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The reference cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

The reference was cited in an Office Action dated November 17, 2006 in related U.S. patent application serial number 09/661,725 filed September 14, 2000.

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This statement should be considered because it is submitted after the period specified under 37 C.F.R. §1.97(c), but filed on or before payment of the issue fee as set forth in 37 C.F.R. § 1.97(d).

Certification Under 37 C.F.R. §1.97(e)

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the information disclosure statement (certification under 37 C.F.R. § 1.97 (e)(2)).

PAYMENT OF FEE SET FORTH IN §1.17(p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account. **This form is being submitted in duplicate.**

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 

Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
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El Segundo, CA 90245

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January 30, 2007

Substitute for form PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known	
		Application Number	09/858,387
		Filing Date	May 15, 2001
		First Named Inventor	Donald C.D. Chang
		Art Unit	2617
Date: January 30, 2007		Examiner Name	TORRES, Marcos L.
Sheet 1 of 1		Attorney Docket Number	PD-201006A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,361,074	11-1994	Hansen, James P.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.